

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.** 1. Document ID: US 5733967 A

L8: Entry 1 of 2

File: USPT

Mar 31, 1998

US-PAT-NO: 5733967

DOCUMENT-IDENTIFIER: US 5733967 A

TITLE: Aqueous polyurethane dispersions and their use for preparing coatings with excellent hydrolytic and thermal stability

DATE-ISSUED: March 31, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wicks; Douglas A.	Mt. Lebanon	PA		
Mason; Arthur W.	Sisterville	WV		
Yeske; Philip E.	Pittsburgh	PA		
Gindin; Lyuba K.	Pittsburgh	PA		
Yonek; Kenneth P.	McMurray	PA		
Schmitt; Peter D.	Glen Dale	WV		

US-CL-CURRENT: 524/591; 524/539, 524/589, 524/590, 524/839, 524/840, 524/874

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

 2. Document ID: US 4364885 A

L8: Entry 2 of 2

File: USPT

Dec 21, 1982

US-PAT-NO: 4364885

DOCUMENT-IDENTIFIER: US 4364885 A

TITLE: Process for producing easily adherable polyester film

DATE-ISSUED: December 21, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kanai; Tamaki	Sagamihara			JP
Yamagichi; Takashi	Yokohama			JP
Yoshikawa; Hirofumi	Hachioji			JP
Suzuki; Kenji	Sagamihara			JP
Ohta; Yoshikatsu	Sagamihara			JP

US-CL-CURRENT: 264/134; 264/136, 264/235.6, 264/235.8, 264/289.3, 264/289.6, 427/172,
427/173, 428/423.7, 428/484.1

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 7 of 7 returned.** 1. Document ID: US 20020049298 A1

L34: Entry 1 of 7

File: PGPB

Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020049298

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020049298 A1

TITLE: Process for the production of polyurethane particles

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pross, Alexander	Bergisch Gladbach		DE	
Lucas, Heinz-Werner	Bergisch Gladbach		DE	
Stepanski, Horst	Leverkusen		DE	
Weidner, Eckhardt	Bochum		DE	
Petermann, Marcus	Bochum		DE	
Kilzer, Andreas	Witten		DE	

US-CL-CURRENT: 528/83

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

 2. Document ID: US 6548619 B2

L34: Entry 2 of 7

File: USPT

Apr 15, 2003

US-PAT-NO: 6548619

DOCUMENT-IDENTIFIER: US 6548619 B2

TITLE: Process for the production of polyurethane particles

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pross; Alexander	Bergisch Gladbach			DE
Lucas; Heinz-Werner	Bergisch Gladbach			DE
Stepanski; Horst	Leverkusen			DE
Weidner; Eckhardt	Bochum			DE
Petermann; Marcus	44801 Bochum			DE
Kilzer; Andreas	Witten			DE

US-CL-CURRENT: 528/80; 264/14, 525/440

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc					Image				

KMC

3. Document ID: US 6096252 A

L34: Entry 3 of 7

File: USPT

Aug 1, 2000

US-PAT-NO: 6096252

DOCUMENT-IDENTIFIER: US 6096252 A

TITLE: Process of making polyurethane fiber

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Umezawa; Masao	Shiga-ken			JP
Nakanishi; Hideki	Otsu			JP
Watanabe; Tsutomu	Shiga-ken			JP

US-CL-CURRENT: 264/205

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc					Image				

KMC

4. Document ID: US 5422166 A

L34: Entry 4 of 7

File: USPT

Jun 6, 1995

US-PAT-NO: 5422166

DOCUMENT-IDENTIFIER: US 5422166 A

TITLE: Abrasion resisting edge for a forming fabric

DATE-ISSUED: June 6, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fleischer; Thomas B.	Pelzer	SC		

US-CL-CURRENT: 428/193; 162/903, 428/141, 428/194, 428/196

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc					Image				

KMC

5. Document ID: US 5356945 A

L34: Entry 5 of 7

File: USPT

Oct 18, 1994

US-PAT-NO: 5356945

DOCUMENT-IDENTIFIER: US 5356945 A

TITLE: Reactive polyurethanes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC

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Term	Documents
POLYURETHANE	244034
POLYURETHANES	53555
SOFTENING	68522
SOFTENINGS	10
TEMPERATURE	1297052
TEMP	62590
TEMPS	521
TEMPERATURES	596016
((SOFTENING NEAR TEMPERATURE)[CLM]) NEAR POLYURETHANE).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	7
(POLYURETHANE NEAR (SOFTENING NEAR TEMPERATURE) [CLM]).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	7

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[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
(35 AND 29).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	0
(L29 AND L35).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	0

Database:

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 BII Technical Disclosure Bulletins

Search:

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Search History
DATE: Wednesday, August 13, 2003 [Printable Copy](#) [Create Case](#)
Set Name Query
 side by side

Hit Count Set Name
 result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L38</u>	l29 and L35	0	<u>L38</u>
<u>L37</u>	l30 and L35	0	<u>L37</u>
<u>L36</u>	l31 and L35	0	<u>L36</u>
<u>L35</u>	(12? adj 240) near (C or centigrade or celsius)	25	<u>L35</u>
<u>L34</u>	polyurethane near (softening near temperature) [clm]	7	<u>L34</u>
<u>L33</u>	polyurethane near (softening near temperature) [ab]	23	<u>L33</u>
<u>L32</u>	polyurethane near (softening near temperature) [ti]	0	<u>L32</u>
<u>L31</u>	polyurethane near (softening near temperature)	52	<u>L31</u>
<u>L30</u>	polyurethane same (softening near temperature)	541	<u>L30</u>

<u>L29</u>	polyurethane same (softening near3 temperature)	752	<u>L29</u>
<u>L28</u>	water	2896753	<u>L28</u>
<u>L27</u>	polyurethane same (coagulation near3 temperature)	44	<u>L27</u>
<u>L26</u>	polyurethane near3 (coagulation near3 temperature)	5	<u>L26</u>
<u>L25</u>	polyurethane near (coagulation near3 temperature)	1	<u>L25</u>
<u>L24</u>	polyurethane near (coagulation near temperature)	0	<u>L24</u>
<u>L23</u>	polyurethane near coagulation [clm]	10	<u>L23</u>
<u>L22</u>	polyurethane near coagulation [ab]	35	<u>L22</u>
<u>L21</u>	polyurethane near coagulation [ti]	5	<u>L21</u>
<u>L20</u>	polyurethane near coagulation	100	<u>L20</u>
<u>L19</u>	polyurethane and coagulation	4804	<u>L19</u>
<u>L18</u>	coagulation near7 (4? adj2 90) near (C or centigrade or celsius)	1	<u>L18</u>
<u>L17</u>	coagulation near (4? adj2 90) near (C or centigrade or celsius)	0	<u>L17</u>
<u>L16</u>	coagulation and (4? adj2 90) near (C or centigrade or celsius)	22	<u>L16</u>
<u>L15</u>	polyurethane and coagulation and (4? adj2 90) near (C or centigrade or celsius)	0	<u>L15</u>
<u>L14</u>	(4? adj2 90) near (C or centigrade or celsius)	379	<u>L14</u>
<u>L13</u>	polyurethane and coagulation temperature and L8 [clm]	0	<u>L13</u>
<u>L12</u>	polyurethane and coagulation temperature and L8 [ab]	0	<u>L12</u>
<u>L11</u>	polyurethane and coagulation temperature and L8 [ti]	0	<u>L11</u>
<u>L10</u>	polyurethane and coagulation temperature and L8	12	<u>L10</u>
<u>L9</u>	coagulation temperature and L8	62	<u>L9</u>
<u>L8</u>	(4? or 5? or 6? or 90) near (C or centigrade or celsius)	197076	<u>L8</u>
<u>L7</u>	l2 and L6	0	<u>L7</u>
<u>L6</u>	(4? or 5? or 6? or 90) near (C or centigrade or celcius)	196771	<u>L6</u>
<u>L5</u>	coagulation temperature near1 polyurethane	0	<u>L5</u>
<u>L4</u>	coagulation temperature near2 polyurethane	1	<u>L4</u>
<u>L3</u>	coagulation temperature near3 polyurethane	1	<u>L3</u>
<u>L2</u>	coagulation temperature near5 polyurethane	5	<u>L2</u>
<u>L1</u>	coagulation temperature near polyurethane	0	<u>L1</u>

END OF SEARCH HISTORY

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L23</u>	polyurethane near coagulation [clm]	10	<u>L23</u>
<u>L22</u>	polyurethane near coagulation [ab]	35	<u>L22</u>
<u>L21</u>	polyurethane near coagulation [ti]	5	<u>L21</u>
<u>L20</u>	polyurethane near coagulation	100	<u>L20</u>
<u>L19</u>	polyurethane and coagulation	4804	<u>L19</u>
<u>L18</u>	coagulation near7 (4? adj2 90) near (C or centigrade or celsius)	1	<u>L18</u>
<u>L17</u>	coagulation near (4? adj2 90) near (C or centigrade or celsius)	0	<u>L17</u>
<u>L16</u>	coagulation and (4? adj2 90) near (C or centigrade or celsius)	22	<u>L16</u>
<u>L15</u>	polyurethane and coagulation and (4? adj2 90) near (C or centigrade or celsius)	0	<u>L15</u>
<u>L14</u>	(4? adj2 90) near (C or centigrade or celsius)	379	<u>L14</u>
<u>L13</u>	polyurethane and coagulation temperature and L8 [clm]	0	<u>L13</u>
<u>L12</u>	polyurethane and coagulation temperature and L8 [ab]	0	<u>L12</u>
<u>L11</u>	polyurethane and coagulation temperature and L8 [ti]	0	<u>L11</u>
<u>L10</u>	polyurethane and coagulation temperature and L8	12	<u>L10</u>
<u>L9</u>	coagulation temperature and L8	62	<u>L9</u>
<u>L8</u>	(4? or 5? or 6? or 90) near (C or centigrade or celsius)	197076	<u>L8</u>
<u>L7</u>	l2 and L6	0	<u>L7</u>
<u>L6</u>	(4? or 5? or 6? or 90) near (C or centigrade or celcius)	196771	<u>L6</u>
<u>L5</u>	coagulation temperature near1 polyurethane	0	<u>L5</u>
<u>L4</u>	coagulation temperature near2 polyurethane	1	<u>L4</u>
<u>L3</u>	coagulation temperature near3 polyurethane	1	<u>L3</u>
<u>L2</u>	coagulation temperature near5 polyurethane	5	<u>L2</u>
<u>L1</u>	coagulation temperature near polyurethane	0	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 5 of 5 returned.

 1. Document ID: US 6040393 A

L21: Entry 1 of 5

File: USPT

Mar 21, 2000

US-PAT-NO: 6040393

DOCUMENT-IDENTIFIER: US 6040393 A

TITLE: Compositions to permit print-patterned coagulation of polyurethane on fabric substrates

DATE-ISSUED: March 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vogt; Kirkland W.	Simpsonville	SC		
Li; Shulong	Spartanburg	SC		

US-CL-CURRENT: 525/454; 524/282, 524/591, 524/773, 524/839, 528/80, 528/84

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

 2. Document ID: US 4366192 A

L21: Entry 2 of 5

File: USPT

Dec 28, 1982

US-PAT-NO: 4366192

DOCUMENT-IDENTIFIER: US 4366192 A

TITLE: Thermal coagulation of polyurethane dispersions

DATE-ISSUED: December 28, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McCartney; John	Chester	PA		

US-CL-CURRENT: 427/246; 427/381, 427/389.9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

 3. Document ID: US 4332710 A

L21: Entry 3 of 5

File: USPT

Jun 1, 1982

US-PAT-NO: 4332710
DOCUMENT-IDENTIFIER: US 4332710 A

TITLE: Thermal coagulation of polyurethane dispersions

DATE-ISSUED: June 1, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McCartney; John	Chester County	PA		

US-CL-CURRENT: 524/591; 427/246

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

4. Document ID: EP 222289 A DE 3540333 A DE 3685723 G EP 222289 B1 JP
62118889 A

L21: Entry 4 of 5

File: DWPI

May 20, 1987

DERWENT-ACC-NO: 1987-137363

DERWENT-WEEK: 198720

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TITLE: Immobilisation of biological materials - by coagulation in polyurethane ionomer dispersion

INVENTOR: DIETERICH, D; LORENZ, O ; REIFF, H

PRIORITY-DATA: 1985DE-3540333 (November 14, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC	<i>Norman</i>
EP 222289 A	May 20, 1987	G	010		
DE 3540333 A	May 21, 1987		000		
DE 3685723 G	July 23, 1992		000	C07K017/08	
EP 222289 B1	June 17, 1992	G	011	C07K017/08	
JP 62118889 A	May 30, 1987		000		

INT-CL (IPC): C07K 17/04; C07K 17/08; C12N 1/18; C12N 7/00; C12N 11/04; C12N 11/08;
C12R 1/86; G01N 33/53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

5. Document ID: JP 56068172 A JP 83042308 B

L21: Entry 5 of 5

File: DWPI

Japan *Jun 8 1981*

DERWENT-ACC-NO: 1981-54117D

DERWENT-WEEK: 198130

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TITLE: Weather-resistant artificial leather prodn. - by forming macroporous covering layer over fibre sheet by coagulation of polyurethane compsn. and pressing

PRIORITY-DATA: 1980JP-0062436 (November 5, 1979), 1974JP-0104369 (September 12, 1974),
1982JP-0066248 (October 31, 1979)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 56068172 A	June 8, 1981		006	
JP 83042308 B	September 19, 1983		000	

INT-CL (IPC) : C08K 5/42; D06N 3/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								KMC

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Term	Documents
POLYURETHANE	244034
POLYURETHANES	53555
COAGULATION	59229
COAGULATIONS	320
((COAGULATION[TI]) NEAR POLYURETHANE).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5
(POLYURETHANE NEAR COAGULATION [TI]).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5

Display Format: [Previous Page](#) [Next Page](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L14</u>	(polyurethane or urethane) and coagulat\$3 temperature and nonionic emulsifier	2	<u>L14</u>
<u>L13</u>	(polyurethane or urethane) and coagulat\$3 temperature and emulsifier	36	<u>L13</u>
<u>L12</u>	(polyurethane or urethane) and coagulat\$3 temperature and 40 to 90 C	0	<u>L12</u>
<u>L11</u>	(polyurethane or urethane) and coagulat\$3 temperature	141	<u>L11</u>
<u>L10</u>	(polyurethane or urethane) and thickener and coagulat\$3 temperature	16	<u>L10</u>
<u>L9</u>	(polyurethane or urethane) and thickener and rheolate and coagulat\$3 temperature	1	<u>L9</u>
<u>L8</u>	(polyurethane or urethane) and thickener and rheolate and average particle diameter	4	<u>L8</u>
<u>L7</u>	(polyurethane or urethane) and thickener and rheolate and softening temperature	0	<u>L7</u>
<u>L6</u>	(polyurethane or urethane) and thickener and rheolate	60	<u>L6</u>
<u>L5</u>	(polyurethane or urethane) and thickener and rheolate 266	1	<u>L5</u>
<u>L4</u>	(polyurethane or urethane) and thickener and rheolate 216	0	<u>L4</u>
<u>L3</u>	(polyurethane or urethane) and thickener	8691	<u>L3</u>
<u>L2</u>	Voncoat HV	0	<u>L2</u>
<u>L1</u>	VONCOAT HV	0	<u>L1</u>

END OF SEARCH HISTORY

Set Name Query
side by side

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

		<u>Hit Count</u>	<u>Set Name</u>
			result set
<u>L10</u>	optiflo and polyurethane	3	<u>L10</u>
<u>L9</u>	optiflo	6	<u>L9</u>
<u>L8</u>	(polyoxyethylene nonyl phenyl ether) near10 polyurethane	2	<u>L8</u>
<u>L7</u>	(polyoxyethylene nonyl phenyl ether) near15 polyurethane	4	<u>L7</u>
<u>L6</u>	(polyoxyethylene nonyl phenyl ether) near5 polyurethane	0	<u>L6</u>
<u>L5</u>	(polyoxyethylene nonyl phenyl ether) same polyurethane	24	<u>L5</u>
<u>L4</u>	(polyoxyethylene nonyl phenyl ether) and polyurethane	147	<u>L4</u>
<u>L3</u>	(polyoxyethylene nonyl phenyl ether near emulsifier) and polyurethane	0	<u>L3</u>
<u>L2</u>	polyoxyethylene nonyl phenyl ether near emulsifier	4	<u>L2</u>
<u>L1</u>	polyoxyethylene nonyl phenyl ether	720	<u>L1</u>

END OF SEARCH HISTORY